

**SAINT-GOBAIN CRYSTALS & DETECTORS
MATERIAL SAFETY DATA SHEET****PRODUCT: BC-517P****EMERGENCY PHONE NO.
(440) 564-2251****SECTION 1 SUPPLIER INFORMATION**

COMMON NAME : BC-517P
CHEMICAL NAME : Aromatic hydrocarbons
FORMULA : Propriety
PRODUCT CAS # : 95-63-6, 8012-95-1
SUPPLIER : SGC&D
ADDRESS : 12345 KINSMAN ROAD
CITY/STATE/ZIP : NEWBURY, OH 44065
PHONE : (440)564-2251
TELEFAX : (440)564-8047

SECTION II HAZARDOUS INGREDIENT INFORMATION

INGREDIENT	%WT. PEL-OSHA	TLV-ACGIH
Pseudocumene	<10.0	Not determined25ppm
Mineral Oil	>90.0	5mg/m ³ 5mg/m ³
Fluors	< 0.2	Not determinedNot determined

INGREDIENT HAZARD STATEMENT**NOTE:** None**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT : 275°C @ 760mm Hg
SPECIFIC GRAVITY (H₂O=1): 0.86 @ 20°C
MELTING POINT : N/A
VAPOR PRESSURE (mmHg) : <1mm @ 20°C
VAPOR DENSITY (air=1) : >1

MATERIAL SAFETY DATA SHEET

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EVAPORATION RATE (BUTYL ACETATE=1): Very slow, >70
% SOLUBILITY/WATER: NIL

APPEARANCE AND ODOR: Clear, blue fluorescent liquid with slight hydrocarbon odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT: 115°C, 240° F

METHOD: Closed cup

AUTO-IGNITION: Not known

LEL: N/A

UEL: N/A

NFPA HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABLE:** 1 **REACTIVITY:** 0

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABLE:** 1 **REACTIVITY:** 0

EXTINGUISHING MEDIA: Foam, carbon dioxide or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors of heated material are heavier than air and may travel back to a source of ignition.

SECTION V REACTIVITY DATA

STABILITY: Stable under normal conditions of use.

AVOID N/A

INCOMPATIBILITY: Strong oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: May form toxic by-products such as carbon dioxide, carbon monoxide and various hydrocarbons.

POLYMERIZATION: Will not occur under normal conditions.

AVOID: Avoid contact with strong oxidizers (e.g. nitric acid, permanganates, etc.)

SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY

EYES: Yes **SKIN:** Yes **INHALATION:** Yes **INGESTION:** Yes

EFFECTS OF OVEREXPOSURE

EYE: May cause irritation, redness, tearing, blurred vision

SKIN: May cause defatting, drying of the skin

INHALATION: May irritate the upper respiratory tract. Severe overexposure may cause cardiac abnormalities.

INGESTION: May cause gastrointestinal irritation.

NOTE: N/A

CARCINOGENICITY:

NTP: No **IARC:** No **OSHA:** No

CHRONIC HEALTH HAZARD: Not determined.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

May irritate pre-existing eye, skin, respiratory conditions.

EMERGENCY FIRST AID

EYE AND SKIN CONTACT: Flush with water for 15 minutes, get medical attention.

INHALATION: Remove to fresh air. Get medical attention.

INGESTION: DO NOT INDUCE VOMITING! Get immediate medical attention. If vomiting occurs material can be aspirated into the lungs causing chemical pneumonitis which can be fatal.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE
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EPA: WASTE #: Not listed

UN #: 1993

DOT CLASSIFICATION: Combustible liquid, N.O.S (Pseudocumene), NA 1993, III

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Stop leak, clean up material with absorbent, hold for disposal.

WASTE DISPOSAL METHOD: Follow Federal, state, local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

SECTION VIII CONTROL MEASURES

RESPIRATORY PROTECTION: Wear an approved respirator if exposed over the TLV.

VENTILATION: Provide general ventilation, local exhaust if needed.

PROTECTIVE EQUIPMENT: Wear chemically impervious gloves, clothing and boots.

WORK/HYGIENE PRACTICES: Always wash up after use.

SECTION IX FEDERAL AND STATE REGULATIONS

SARA HAZARD CATEGORIES**IMMEDIATE (ACUTE) HEALTH HAZARD:** YES [] NO [X]**DELAYED (CHRONIC) HEALTH HAZARD:** YES [X] NO []**FIRE HAZARD:** YES [] NO [X]**REACTIVITY HAZARD:** YES [] NO [X]**SUDDEN RELEASE OF PRESSURE:** YES [] NO [X]**SARA SECTION 313 NOTIFICATION:** NONE

THIS PRODUCT MAY CONTAIN A TOXIC CHEMICAL (OR CHEMICALS) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

CHEMICAL NAME:	CAS #	%WT.
1,2,4-trimehtylbenzene	95-63-6	<10

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